

10/657,910

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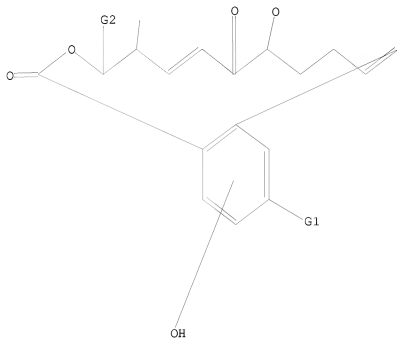
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,N

G2 C,H,Cb,Cy,Hy

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 15:47:37 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 10029 TO ITERATE

19.9% PROCESSED 2000 ITERATIONS

3 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 194577 TO 206583

PROJECTED ANSWERS: 68 TO 532

L2

3 SEA SSS SAM L1

TOh

17/11/2009

10/923,271

=> s l1 sss full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 185.40 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 15:47:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 202095 TO ITERATE

100.0% PROCESSED 202095 ITERATIONS

114 ANSWERS

SEARCH TIME: 00.00.15

L3

114 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

186.84

189.54

FILE 'CAPLUS' ENTERED AT 15:48:24 ON 17 NOV 2009

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FILE COVERS 1907 - 17 Nov 2009 VOL 151 ISS 21

FILE LAST UPDATED: 16 Nov 2009 (20091116/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CPlus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

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This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/CPlus family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

=> s l3

L4 7 L3

=> s l4 and py2004

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L5 0 L4 AND PY2004

=> s l4 and py2003  
0 PY2003  
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L7 2 L4 AND PY <2004

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THE ESTIMATED COST FOR THIS REQUEST IS 11.28 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:964817 CAPLUS

DOCUMENT NUMBER: 141:410756

TITLE: Preparation of macrocyclic compounds for the treatment of inflammation and autoimmune disorders

INVENTOR(S): Chiba, Kenichi; Du, Hong; Eguchi, Yoshihito; Fujita, Masanori; Goto, Masaki; Gusovsky, Fabian; Harmange, Jean-Christophe; Inoue, Atsushi; Kawada, Megumi; Kawai, Takatoshi; Kawakami, Yoshiyuki; Kimura, Akifumi; Kotake, Makoto; Kuboi, Yoshikazu; Matsushima, Tomohiro; Mizui, Yoshiharu; Muramoto, Kenzo; Sakurai, Hideki; Shen, Yong-chun; Shiota, Hiroshi; Spyvee, Mark; Tanaka, Isao; Wang, John; Wood, Ray; Yamamoto, Satoshi; Yoneda, Naoki

PATENT ASSIGNEE(S): Japan

SOURCE: U.S. Pat. Appl. Publ., 299 pp., Cont.-in-part of Appl. No. PCT/US03/07377.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

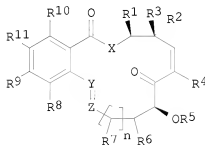
PATENT INFORMATION:

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US 20040224936	A1	20041111	US 2003-657910	20030909
WO 2003076424	A1	20030918	WO 2003-US7377	20030307 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
ZA 2004007156	A	20061227	ZA 2004-7156	20040907
WO 2005023792	A2	20050317	WO 2004-US29196	20040909
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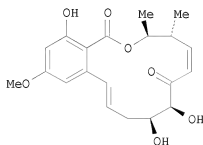
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JP 2008297317 A 20081211 JP 2008-194192 20080728  
 US 2002-362883P P 20020308  
 US 2002-380711P P 20020514  
 WO 2003-US/7377 A2 20030307  
 JP 2003-574642 A3 20030307  
 US 2003-657910 A 20030909

OTHER SOURCE(S): CASREACT 141:410756; MARPAT 141:410756  
 GI



I



II

AB Macrocyclic compds. of formula I (R1 = H, alkyl, cycloalkyl, heterocycloalkyl, aryl, heteroaryl, etc.; R2, R3 = H, halo, (substituted) OH, alkyl, aryl, etc.; R1R2, R1R3 = alkylene; R4 = H, halo; R5 = H, protecting group, prodrug; R6, R7, R11 = H, (substituted) OH; R8, R9 = H, halo, (substituted) OH, alkoxy, etc.; R10 = H, (substituted) OH, (substituted) NH2; n = 0-2; X = absent, O, NH, N-alkyl, CH2, S; Y, Z = CH, O, CO, NH, etc.) are prepared for the treatment of various disorders including inflammatory or autoimmune disorders, and disorders involving malignancy or increased angiogenesis. In certain embodiments, methods for the treatment of various disorders including inflammatory or autoimmune disorders comprise systemically (e.g., orally) administering to a subject in need thereof a therapeutically effective amount of a compound of formula I. Thus, II was prepared in several steps. Some of the compds. inhibited NF-κB with IC50 values < 10μM.

IT 603039-45-8P 603045-38-1P 603045-40-5P  
 603045-42-7P 603045-44-9P 603045-46-1P  
 603151-24-2P 603151-32-2P 603151-34-4P  
 603959-45-1P 603985-37-1P 603985-63-3P  
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 603986-04-5P 603987-34-4P 603987-35-5P  
 603987-75-3P 603987-93-5P 603988-36-9P

791101-13-8P 791101-14-9P 791101-15-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

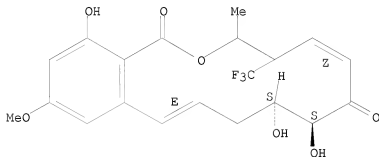
(preparation of macrocyclic compds. for the treatment of inflammatory or autoimmune disorders)

RN 603039-45-8 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-3-methyl-4-  
(trifluoromethyl)-, (5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

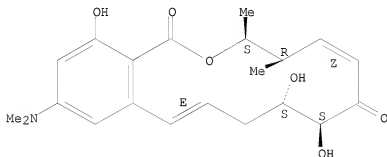


RN 603045-38-1 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
14-(dimethylamino)-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

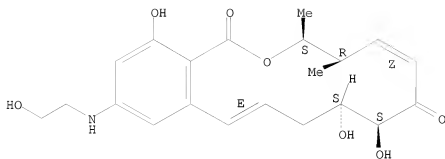


RN 603045-40-5 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[(2-hydroxyethyl)amino]-3,4-  
dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

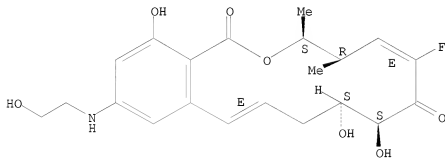


RN 603045-42-7 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
6-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[(2-hydroxyethyl)amino]-  
3,4-dimethyl-, (3S,4R,5E,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

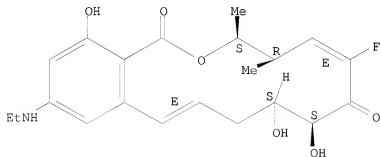


RN 603045-44-9 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
14-(ethylamino)-6-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-  
dimethyl-, (3S,4R,5E,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

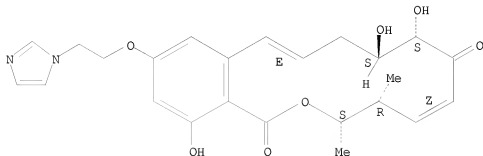


RN 603045-46-1 CAPLUS

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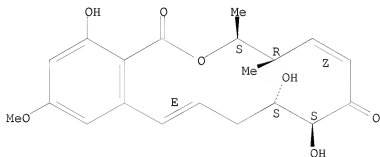
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[2-(1H-imidazol-1-yl)ethoxy]-3,4-  
dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



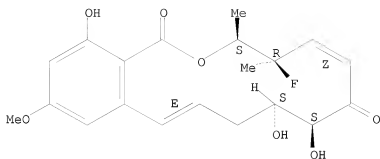
RN 603151-24-2 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



RN 603151-32-2 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
4-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.

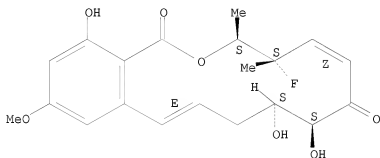


RN 603151-34-4 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
4-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-3,4-dimethyl-,  
(3S,4S,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

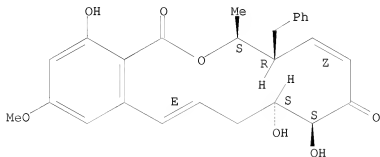


RN 603959-45-1 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-3-methyl-4-(phenylmethyl)-  
, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



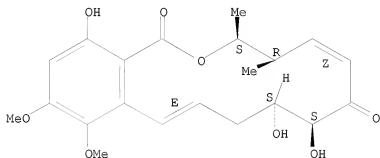
RN 603985-37-1 CAPLUS



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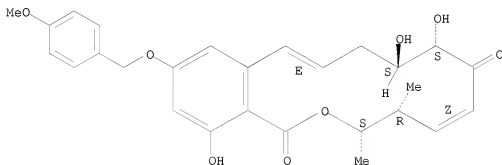
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-13,14-dimethoxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



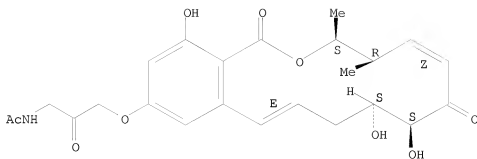
RN 603985-63-3 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[(4-methoxyphenyl)methoxy]-3,4-  
dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



RN 603985-65-5 CAPLUS  
CN Acetamide, N-[3-[[ (3S,4R,5Z,8S,9S,11E)-3,4,7,8,9,10-hexahydro-8,9,16-  
trihydroxy-3,4-dimethyl-1,7-dioxo-1H-2-benzoxacyclotetradecin-14-yl]oxy]-2-  
oxopropyl]- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.

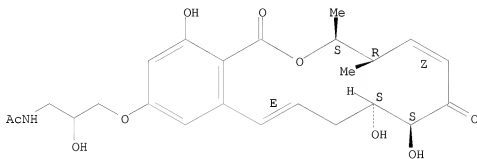


RN 603985-69-9 CAPLUS

CN Acetamide, N-[3-[[[(3S, 4R, 5Z, 8S, 9S, 11E)-3, 4, 7, 8, 9, 10-hexahydro-8, 9, 16-trihydroxy-3, 4-dimethyl-1, 7-dioxo-1H-2-benzoxacyclotetradecin-14-yl]oxy]-2-hydroxypropyl]- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

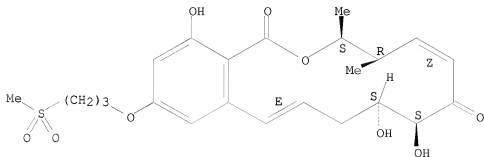


RN 603985-71-3 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1, 7(8H)-dione, 3, 4, 9, 10-tetrahydro-8, 9, 16-trihydroxy-3, 4-dimethyl-14-[3-(methylsulfonyl)propoxy]-, (3S, 4R, 5Z, 8S, 9S, 11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

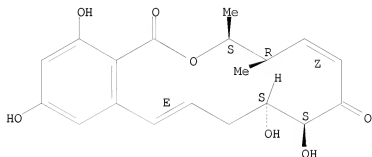


RN 603985-72-4 CAPLUS

10/923,271

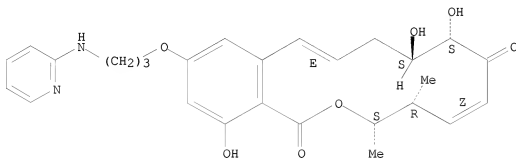
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,14,16-tetrahydroxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



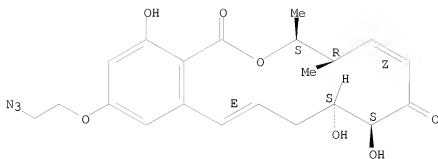
RN 603985-73-5 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-[3-(2-  
pyridinylamino)propoxy]-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



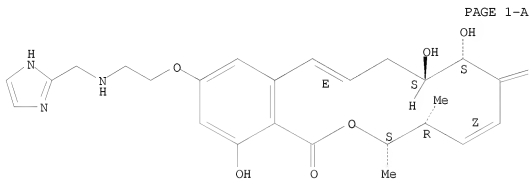
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CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
14-(2-azidoethoxy)-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



RN 603985-75-7 CAPLUS  
 CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
 3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[2-[(1H-imidazol-2-  
 ylmethyl)amino]ethoxy]-3,4-dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX  
 NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



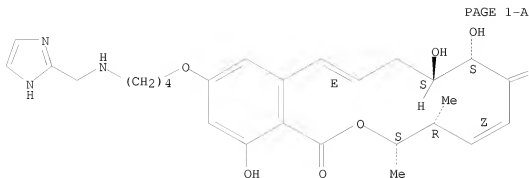
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PAGE 1-B

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 3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[4-[(1H-imidazol-2-  
 ylmethyl)amino]butoxy]-3,4-dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX  
 NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.

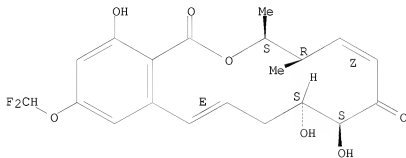


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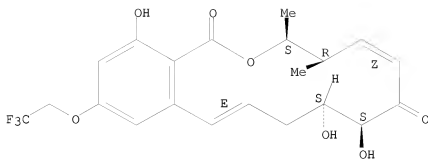
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 14-(difluoromethoxy)-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-,  
 (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



RN 603986-04-5 CAPLUS  
 CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
 3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-(2,2,2-  
 trifluoroethoxy)-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.

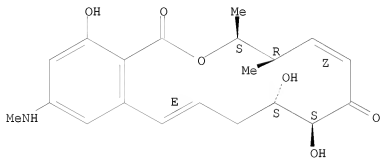


RN 603987-34-4 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-(methylamino)-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

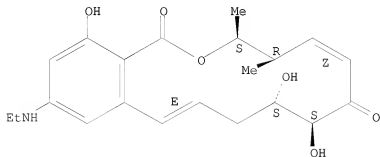


RN 603987-35-5 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
14-(ethylamino)-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

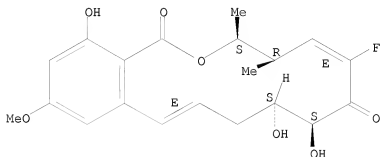
Double bond geometry as shown.



RN 603987-75-3 CAPLUS

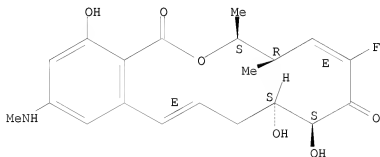
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6-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-3,4-dimethyl-,  
(3S,4R,5E,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



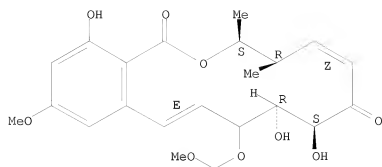
RN 603987-93-5 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
6-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-  
(methylamino)-, (3S,4R,5E,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



RN 603988-36-9 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-10-(methoxymethoxy)-3,4-  
dimethyl-, (3S,4R,5Z,8S,9R,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.

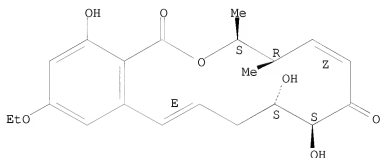


RN 791101-13-8 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
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(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

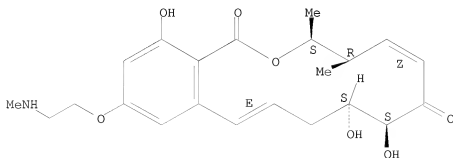


RN 791101-14-9 CAPLUS

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(methylamino)ethoxy)-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

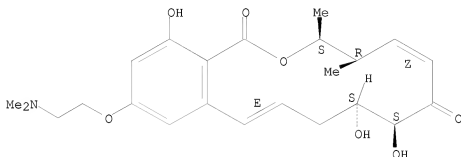
Double bond geometry as shown.





RN 791101-15-0 CAPLUS  
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 dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
 (1 CITINGS)

L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:737744 CAPLUS

DOCUMENT NUMBER: 139:261090

TITLE: Preparation of macrocyclic compounds for use in  
 pharmaceutical and cosmetic compositions which  
 regulate various genes involved in immune and  
 inflammatory responses

INVENTOR(S): Boivin, Roch; Chiba, Kenichi; Davis, Heather A.;  
 Diepitro, Lucian; Du, Hong; Eguchi, Yoshihito; Fujita,  
 Masanori; Gilbert, Sandra; Goto, Masaki; Harmange,  
 Jean Christophe; Inoue, Atsushi; Jlang, Yimin; Kawada,  
 Megumi; Kawai, Takatoshi; Kawakami, Yoshiyuki; Kimura,  
 Akifumi; Kotake, Makoto; Kuboi, Yoshikazu; Lemelin,  
 Charles; Li, Xiang-yi; Matsushima, Tomohiro; Mizui,  
 Yoshiharu; Sakurai, Hideki; Schiller, Shawn; Shen,  
 Yongchun; Spyvee, Mark; Tanaka, Isao; Wang, Yuan;  
 Yamamoto, Satoshi; Yoneda, Naoki; Kobayashi, Seiichi

PATENT ASSIGNEE(S): Eisai Co. Ltd., Japan; et al.

SOURCE: PCT Int. Appl., 438 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

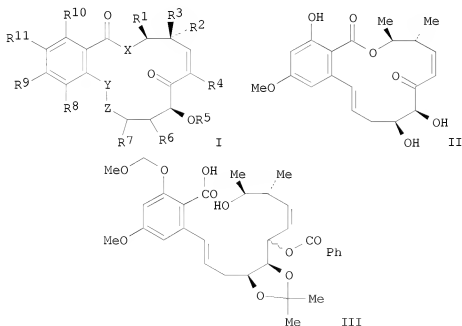
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

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 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
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 AU 2003224672 A1 20030922 AU 2003-224672 20030307 <--  
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 EP 1507773 A1 20050223 EP 2003-721353 20030307  
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 JP 2005519954 T 20050707 JP 2003-574642 20030307  
 CN 1653059 A 20050810 CN 2003-810248 20030307  
 NZ 535101 A 20070727 NZ 2003-535101 20030307  
 RU 2334744 C2 20080927 RU 2004-129755 20030307  
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 ZA 2004007156 A 20061227 ZA 2004-7156 20040907  
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 US 20060247448 A1 20061102 US 2004-507067 20041110  
 JP 2008297317 A 20081211 JP 2008-194192 20080728  
 PRIORITY APPLN. INFO.: US 2002-362883P P 20020308  
 US 2002-380711P P 20020514  
 JP 2003-574642 A3 20030307  
 WO 2003-US7377 W 20030307

OTHER SOURCE(S): MARPAT 139:261090  
 GI



AB Macrocyyclic lactones and lactams, such as I [R1 = H, alkyl, heteroalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl; R2, R3 = H, OH, halogen, protected hydroxyl, alkyl, heteroalkyl, cycloalkyl, heterocyclyl, aryl, heteroaryl; R1R2 or R1R3 = 3-8 membered alicyclic ring; R4 = H, halogen; R5 = H, hydroxyl protecting group, linked prodrug; R6, R7 = H, OH, protected hydroxyl; R8, R9, R10, R11 = H, OH, NH2, alkoxy, alkylamino, etc.; X = O, NH, S, CH2, etc.; R8R9 = fused ring, such as furan or imidazole; Y-Z = CH:CH, NHCO, etc.], were prepared for a variety of therapeutic and cosmetic uses, such as antitumor and anti-inflammatory agents and treatment of skin photodamage. These macrocycles are claimed for use as NF- $\kappa$ B, AP-1, protein kinase, cancer cell proliferation and solid tumor angiogenesis inhibitors and for use in the treatment of inflammation, cancer, psoriasis, skin photodamage, restenosis as stent coatings, rheumatoid arthritis, asthma, sepsis, inflammatory bowel disease, atopic dermatitis, Crohn's disease, autoimmune disorders and for treatment of gastrointestinal, esophageal, tracheal/bronchial, urethral and vascular obstructions wherein the lumen of a body passageway is expanded. Thus, macrocyclic lactone II, designated as ER 803064, was prepared via a multistep synthetic sequence with included a macrolactonization reaction of III to form the desired lactone ring. The prepared macrocycles were assayed for their effect on TNF- $\alpha$  and  $\beta$ -actin placental alkaline phosphatase transcription using human acute monocytic leukemia cells.

IT	791101-13-8	1080810-60-1	1080810-61-2
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RL: PRPH (Prophetic)

(Preparation of macrocyclic compounds for use in pharmaceutical and cosmetic compositions which regulate various genes involved in immune and inflammatory responses)

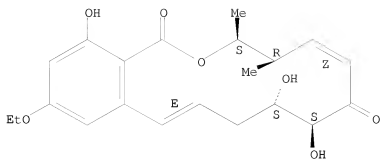
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CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
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(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

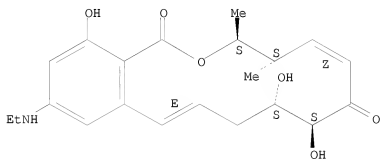
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10/923,271



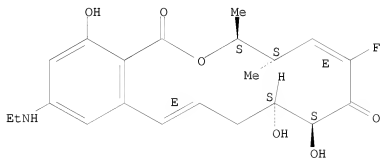
RN 1080810-60-1 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



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CN INDEX NAME NOT YET ASSIGNED

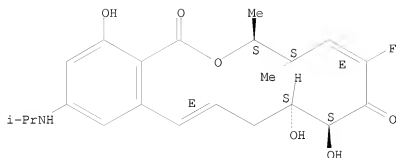
Absolute stereochemistry.  
Double bond geometry as shown.



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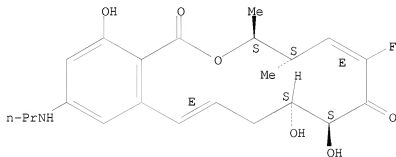
Absolute stereochemistry.  
Double bond geometry as shown.

10/923,271



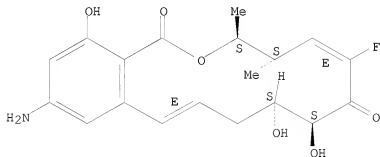
RN 1080810-64-5 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



RN 1080810-65-6 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.

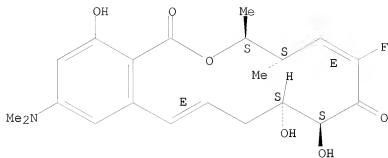


RN 1080810-66-7 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

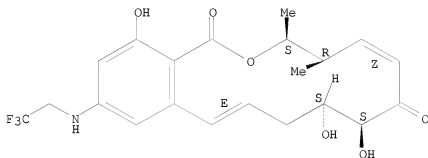
10/923,271

Double bond geometry as shown.



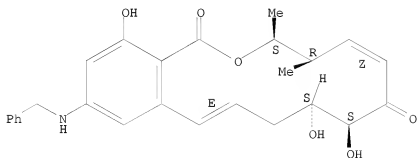
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CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



RN 1080810-70-3 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

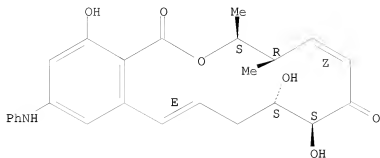
Absolute stereochemistry.  
Double bond geometry as shown.



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CN INDEX NAME NOT YET ASSIGNED

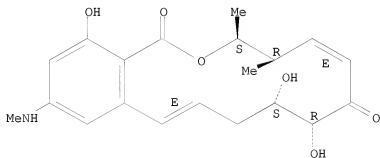
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Absolute stereochemistry.  
Double bond geometry as shown.



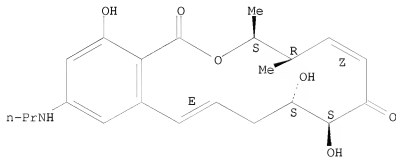
RN 1080810-72-5 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as described by E or Z.



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CN INDEX NAME NOT YET ASSIGNED

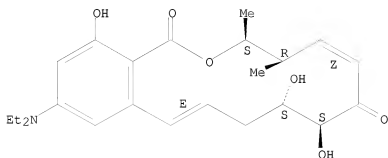
Absolute stereochemistry.  
Double bond geometry as shown.



RN 1080810-74-7 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

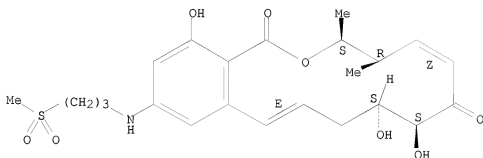
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Absolute stereochemistry.  
Double bond geometry as shown.



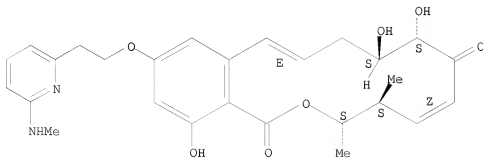
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CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



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CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



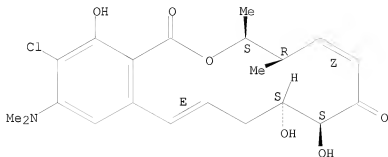
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10/923,271

CN INDEX NAME NOT YET ASSIGNED

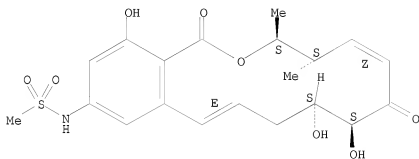
Absolute stereochemistry.  
Double bond geometry as shown.



RN 1080810-78-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

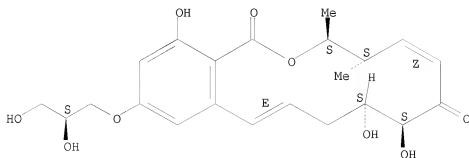
Absolute stereochemistry.  
Double bond geometry as shown.



RN 1080810-79-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

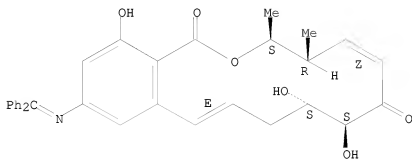
Absolute stereochemistry.  
Double bond geometry as shown.



10/923,271

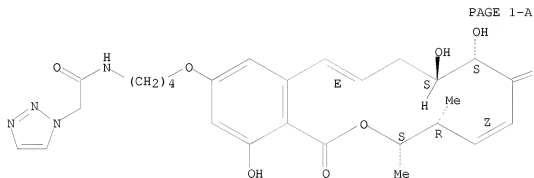
RN 1080810-80-5 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



RN 1080810-81-6 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



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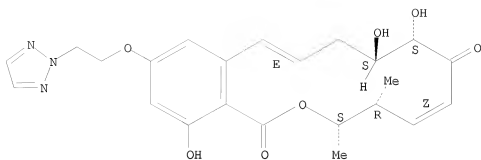
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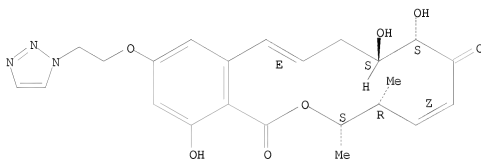
Absolute stereochemistry.  
Double bond geometry as shown.

10/923,271



RN 1080810-83-8 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

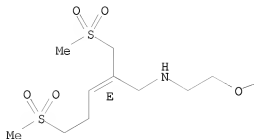
Absolute stereochemistry.  
Double bond geometry as shown.

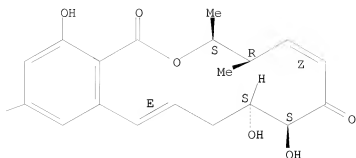


RN 1080810-84-9 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.

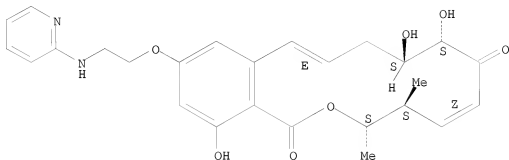
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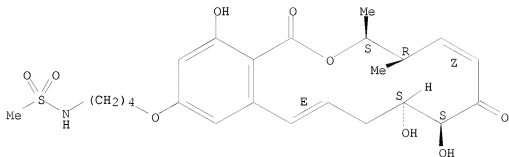
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Absolute stereochemistry.  
Double bond geometry as shown.



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Absolute stereochemistry.  
Double bond geometry as shown.

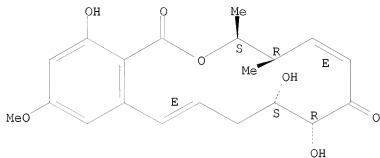


RN 1080810-87-2 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.

10/923,271

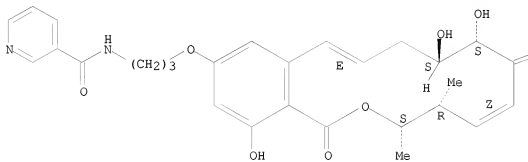
Double bond geometry as described by E or Z.



RN 1080810-88-3 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.

PAGE 1-A



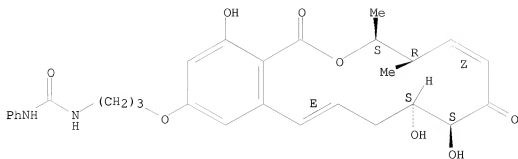
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Double bond geometry as shown.

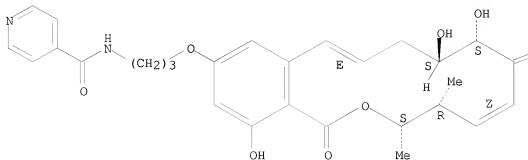
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RN 1080810-90-7 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.

PAGE 1-A



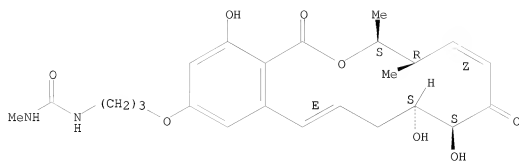
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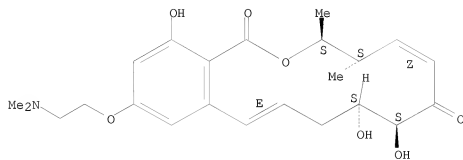
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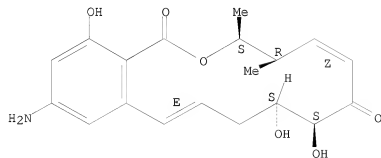
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RN 1080810-93-0 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

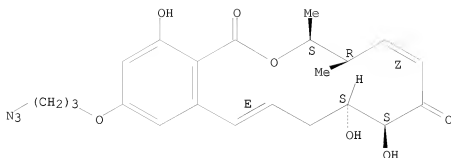
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Double bond geometry as shown.



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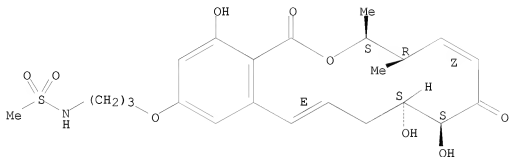
Absolute stereochemistry.  
Double bond geometry as shown.

10/923,271



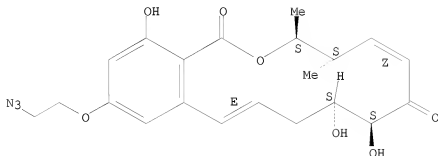
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CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



RN 1080810-97-4 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



RN 1080810-98-5 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



CN INDEX NAME NOT YET A

Double bond geometry as s

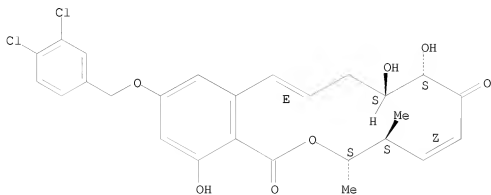
CN INDEX NAME NOT YET A

Double bond geometry as s

CN INDEX NAME NOT YET A

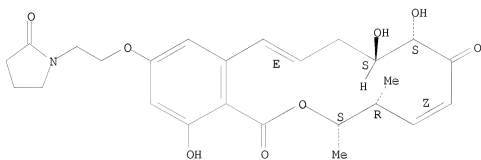
10/923,271

Absolute stereochemistry.  
Double bond geometry as shown.



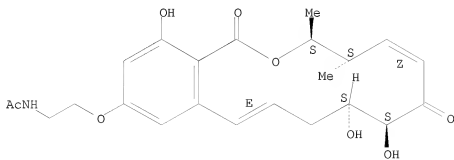
RN 1080811-03-5 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



RN 1080811-04-6 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

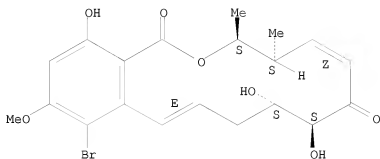
Absolute stereochemistry.  
Double bond geometry as shown.



10/923,271

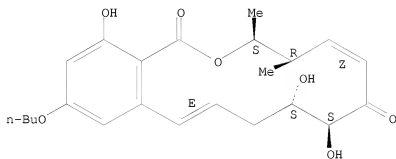
RN 1080811-05-7 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



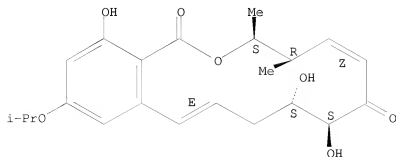
RN 1080811-06-8 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



RN 1080811-07-9 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

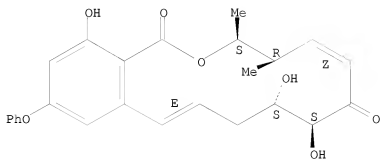
Absolute stereochemistry.  
Double bond geometry as shown.



10/923,271

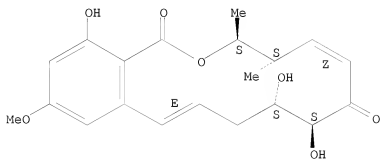
RN 1080811-08-0 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



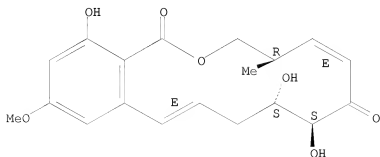
RN 1080811-09-1 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



RN 1080811-10-4 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

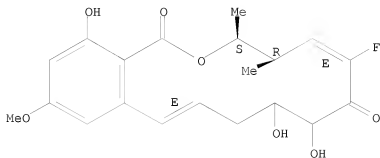
Absolute stereochemistry.  
Double bond geometry as described by E or Z.



10/923,271

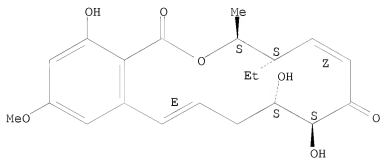
RN 1080811-11-5 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



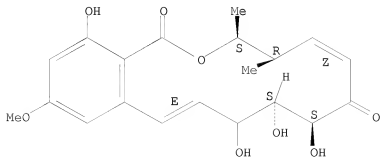
RN 1080811-12-6 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.  
Double bond geometry as shown.



RN 1083006-06-7 CAPLUS  
CN INDEX NAME NOT YET ASSIGNED

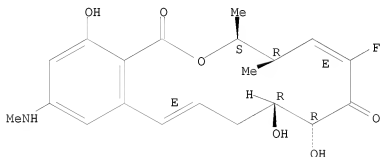
Absolute stereochemistry.  
Double bond geometry as shown.



IT 603044-46-8P 603045-38-1P 603045-40-5P  
 603045-42-7P 603045-44-9P, ER 807563  
 603045-45-0P 603045-46-1P 603151-24-2P, ER  
 803064 603151-32-2P 603151-34-4P, ER 804019  
 603959-46-2P, ER 804035 603985-37-1P  
 603985-63-3P 603985-64-4P 603985-65-5P  
 603985-69-9P 603985-70-2P, ER 804606  
 603985-72-4P 603985-73-5P 603985-74-6P  
 603985-75-7P 603985-76-8P 603985-77-9P  
 603985-78-0P 603986-04-5P, ER 804387  
 603987-34-4P 603987-35-5P 603987-75-3P  
 603987-93-5P, ER 806821 603988-36-9P  
 RL: COS (Cosmetic use); PAC (Pharmacological activity); SPN (Synthetic  
 preparation); THU (Therapeutic use); BIOL (Biological study); PREP  
 (Preparation); USES (Uses)  
 (preparation of macrocyclic compds. for use in pharmaceutical and cosmetic  
 compns. which regulate various genes involved in immune and  
 inflammatory responses)

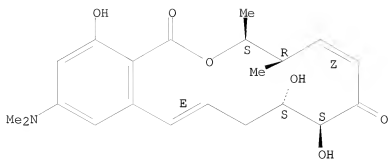
RN 603044-46-8 CAPLUS  
 CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
 6-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-  
 (methylamino)-, (3S,4R,5E,8R,9R,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.



RN 603045-38-1 CAPLUS  
 CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
 14-(dimethylamino)-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-,  
 (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.

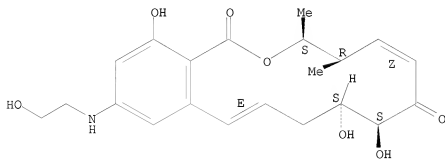


RN 603045-40-5 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[(2-hydroxyethyl)amino]-3,4-  
dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

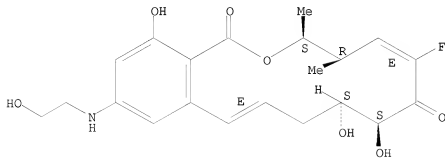


RN 603045-42-7 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
6-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[(2-hydroxyethyl)amino]-  
3,4-dimethyl-, (3S,4R,5E,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

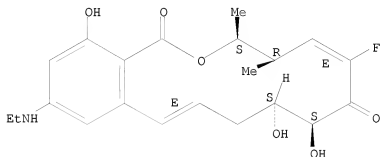
Double bond geometry as shown.



RN 603045-44-9 CAPLUS

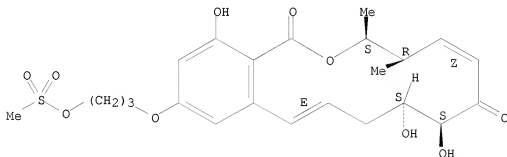
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
14-(ethylamino)-6-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-  
dimethyl-, (3S,4R,5E,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



RN 603045-45-0 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-[3-  
[(methylsulfonyl)oxy]propoxy]-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

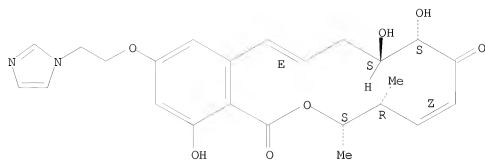
Absolute stereochemistry.  
Double bond geometry as shown.



RN 603045-46-1 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[2-(1H-imidazol-1-yl)ethoxy]-3,4-  
dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.

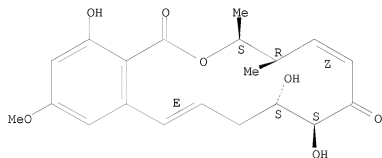




RN 603151-24-2 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

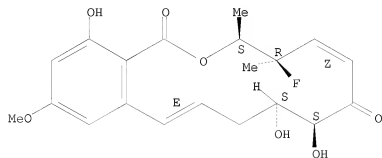
Absolute stereochemistry.  
Double bond geometry as shown.



RN 603151-32-2 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
4-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

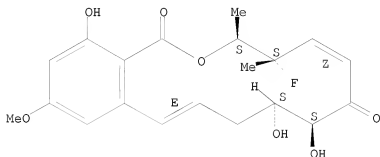
Absolute stereochemistry.  
Double bond geometry as shown.



RN 603151-34-4 CAPLUS

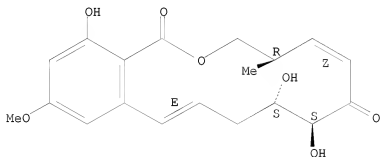
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
4-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-3,4-dimethyl-,  
(3S,4S,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



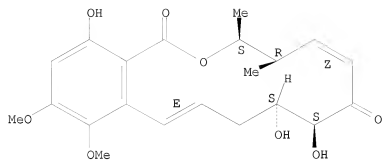
RN 603959-46-2 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-4-methyl-,  
(4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



RN 603985-37-1 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-13,14-dimethoxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.

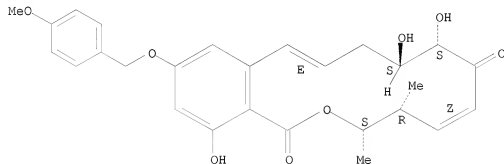


RN 603985-63-3 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[(4-methoxyphenyl)methoxy]-3,4-  
dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

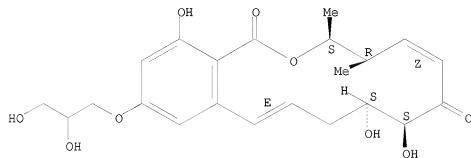


RN 603985-64-4 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
14-(2,3-dihydroxypropoxy)-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-  
dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

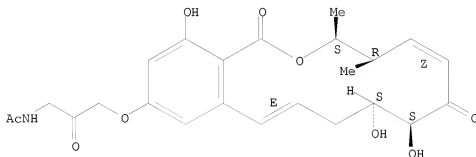


RN 603985-65-5 CAPLUS

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CN Acetamide, N-[3-[[[(3S,4R,5Z,8S,9S,11E)-3,4,7,8,9,10-hexahydro-8,9,16-trihydroxy-3,4-dimethyl-1,7-dioxo-1H-2-benzoxacyclotetradecin-14-yl]oxy]-2-oxopropyl]- (CA INDEX NAME)

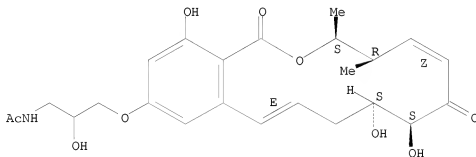
Absolute stereochemistry.  
Double bond geometry as shown.



RN 603985-69-9 CAPLUS

CN Acetamide, N-[3-[[[(3S,4R,5Z,8S,9S,11E)-3,4,7,8,9,10-hexahydro-8,9,16-trihydroxy-3,4-dimethyl-1,7-dioxo-1H-2-benzoxacyclotetradecin-14-yl]oxy]-2-hydroxypropyl]- (CA INDEX NAME)

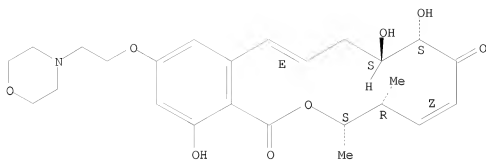
Absolute stereochemistry.  
Double bond geometry as shown.



RN 603985-70-2 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione, 3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-[2-(4-morpholinyl)ethoxy]-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

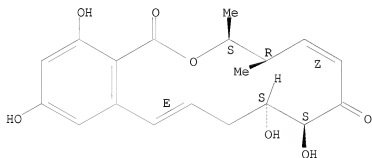
Absolute stereochemistry.  
Double bond geometry as shown.



RN 603985-72-4 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,14,16-tetrahydroxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

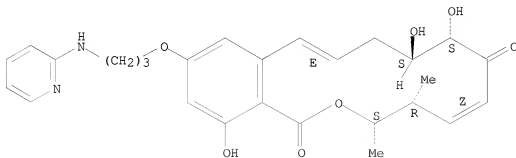
Absolute stereochemistry.  
Double bond geometry as shown.



RN 603985-73-5 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-[3-(2-  
pyridinylamino)propoxy]-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

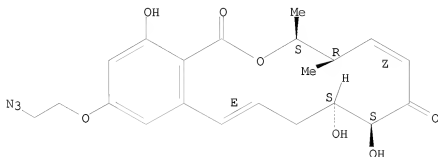
Absolute stereochemistry.  
Double bond geometry as shown.



RN 603985-74-6 CAPLUS

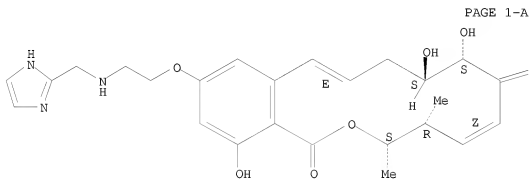
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
14-(2-azidoethoxy)-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



RN 603985-75-7 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[2-[(1H-imidazol-2-ylmethyl)amino]ethoxy]-3,4-dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



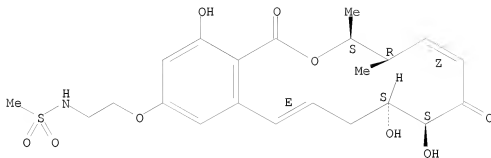
PAGE 1-B

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RN 603985-76-8 CAPLUS  
CN Methanesulfonamide, N-[2-[(3S,4R,5Z,8S,9S,11E)-3,4,7,8,9,10-hexahydro-8,9,16-trihydroxy-3,4-dimethyl-1,7-dioxo-1H-2-benzoxacyclotetradecin-14-yl]oxy]ethyl]- (CA INDEX NAME)

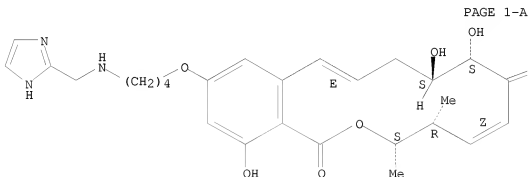
10/923,271

Absolute stereochemistry.  
Double bond geometry as shown.



RN 603985-77-9 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-[4-[(1H-imidazol-2-  
ylmethyl)amino]butoxy]-3,4-dimethyl-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX  
NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



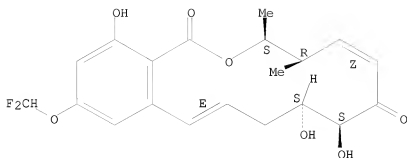
PAGE 1-A

PAGE 1-B

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RN 603985-78-0 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
14-(difluoromethoxy)-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.

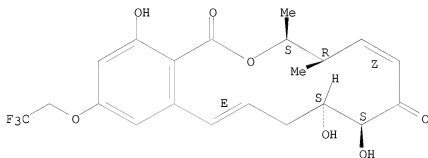


RN 603986-04-5 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-(2,2,2-  
trifluoroethoxy)-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

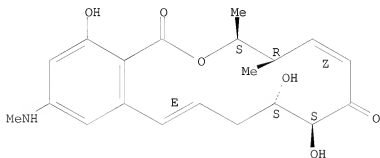


RN 603987-34-4 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-(methylamino)-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



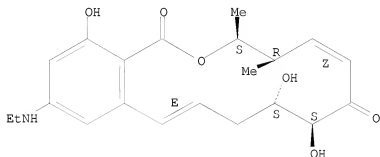
RN 603987-35-5 CAPLUS



10/923,271

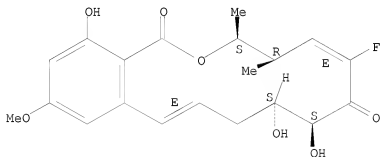
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
14-(ethylamino)-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-,  
(3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



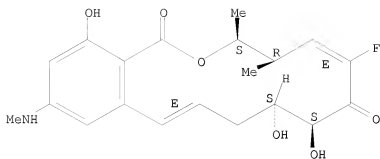
RN 603987-75-3 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
6-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-3,4-dimethyl-,  
(3S,4R,5E,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



RN 603987-93-5 CAPLUS  
CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
6-fluoro-3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-  
(methylamino)-, (3S,4R,5E,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.

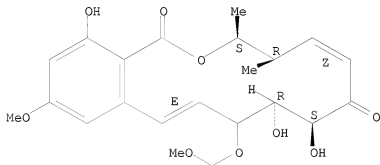


RN 603988-36-9 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-10-(methoxymethoxy)-3,4-  
dimethyl-, (3S,4R,5Z,8S,9R,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



IT 603039-45-8P 603959-45-1P 603985-71-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)

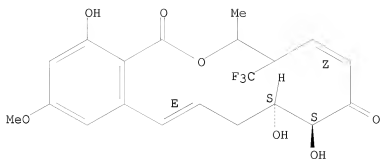
(preparation of macrocyclic compds. for use in pharmaceutical and cosmetic  
compns. which regulate various genes involved in immune and  
inflammatory responses)

RN 603039-45-8 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-3-methyl-4-  
(trifluoromethyl)-, (5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

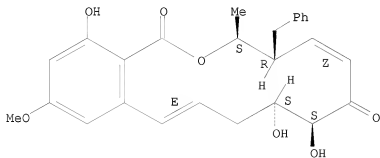


RN 603959-45-1 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-14-methoxy-3-methyl-4-(phenylmethyl)-  
, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

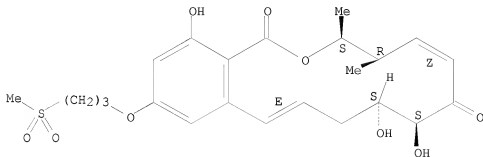


RN 603985-71-3 CAPLUS

CN 1H-2-Benzoxacyclotetradecin-1,7(8H)-dione,  
3,4,9,10-tetrahydro-8,9,16-trihydroxy-3,4-dimethyl-14-[3-  
(methylsulfonyl)propoxy]-, (3S,4R,5Z,8S,9S,11E)- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD

10/923,271

REFERENCE COUNT: 6 (6 CITINGS)  
THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT